

VOYAGEURS NATIONAL PARK
PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by **Voyageurs National Park**. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

Summer Months (May through November)

1. The number of visitors to the following visitor centers.
2. Rainy Lake Visitor Center
3. Kabetogamma Lake Visitor Center
4. Ash River Visitor Center
5. The estimated number of fishermen. This is determined by taking the sum of the visitor center counts and applying the regression equation in Table 1. If the visitor center count should exceed 1700 for the month of November then fishermen are estimated at 17.
6. The estimated number of houseboaters. This is determined by taking the sum of the visitor center counts and applying the regression equation in Table 2. If the visitor center count should exceed 950 for the month of November then houseboaters are estimated at 5.
7. The estimated number of backcountry overnight stays. This is determined by taking the sum of the visitor center counts and applying the regression equation in Table 3. If the visitor center count should exceed 1500 for the month of November then backcountry overnight stays are estimated at 31. If the visitor center count should exceed 600 for the month of December then backcountry overnight stays are estimated at 15.

Table 1

Estimated Number of Fishermen Based on Total Visitor Center Counts by Month

MONTH		ADJUSTMENT FACTOR TIMES VISITOR CENTER COUNTS	PLUS	MONTHLY CONSTANT
MAY	=	(-1.06) * VISITOR CENTER COUNTS	+	20739
JUNE	=	(-1.06) * VISITOR CENTER COUNTS	+	35394
JULY	=	(-1.06) * VISITOR CENTER COUNTS	+	36699
AUGUST	=	(-1.06) * VISITOR CENTER COUNTS	+	37021
SEPTEMBER	=	(-1.06) * VISITOR CENTER COUNTS	+	20069
OCTOBER	=	(-1.06) * VISITOR CENTER COUNTS	+	8190
NOVEMBER	=	(-1.06) * VISITOR CENTER COUNTS	+	1817

Table 2

Estimated Number of Houseboaters Based on Total Visitor Center Counts by Month

MONTH		ADJUSTMENT FACTOR TIMES VISITOR CENTER COUNT	PLUS	MONTHLY CONSTANT
MAY	=	(-0.42) * VISITOR CENTER COUNTS	+	3138
JUNE	=	(-0.42) * VISITOR CENTER COUNTS	+	7435
JULY	=	(-0.42) * VISITOR CENTER COUNTS	+	10577
AUGUST	=	(-0.42) * VISITOR CENTER COUNTS	+	10150
SEPTEMBER	=	(-0.42) * VISITOR CENTER COUNTS	+	4961
OCTOBER	=	(-0.42) * VISITOR CENTER COUNTS	+	2533
NOVEMBER	=	(-0.42) * VISITOR CENTER COUNTS	+	402

Table 3

Estimated Number of NPS Backcountry Visitors Based on Total Visitor Center Counts by Month

MONTH		ADJUSTMENT TIMES VISITOR CENTER COUNT	PLUS	MONTHLY CONSTANT
MAY	=	(-0.39) * VISITOR CENTER COUNTS	+	4121
JUNE	=	(-0.39) * VISITOR CENTER COUNTS	+	5691
JULY	=	(-0.39) * VISITOR CENTER COUNTS	+	7576
AUGUST	=	(-0.39) * VISITOR CENTER COUNTS	+	7491
SEPTEMBER	=	(-0.39) * VISITOR CENTER COUNTS	+	3226
OCTOBER	=	(-0.39) * VISITOR CENTER COUNTS	+	463
NOVEMBER	=	(-0.39) * VISITOR CENTER COUNTS	+	248

Winter Months (December through April)

A. The number of visitors entering Rainy Lake Visitor Center.

B. A remote trail sensor counter is located on the entrance lane to Rainy Lake Ice Road that records the number of vehicles entering the park to ice fish. The vehicle count is multiplied by the persons-per-vehicle multiplier of 2.4.

C. Two remote trail sensor counters are located on snowmobile portage entrance lanes. These record the number of snowmobilers entering the park.

D. A remote trail sensor counter is located on the entrance lane of the Ski Trail that records the number of cross-country skiers entering the park.

Nonrecreation Visits

The number of cabin site users.

Recreation Visitor Hours

A. The number of visitors to the visitor centers is multiplied by 1 hour.

B. The number of fishermen and houseboaters is multiplied by 4.8 hours.

C. The number of snowmobilers and cross-country skiers is multiplied by 3 hours.

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D. The number of ice fishermen is multiplied by 5 hours.

E. The number of overnight stays is multiplied by 19.2 hours.

Nonrecreation Visitor Hours

The number of nonrecreation visitors is multiplied by .5 hour.

Overnight Stays

Concessioner Lodging - Keller Falls Hotel

The number of visitors staying overnight as reported by the concessioner.

NPS Backcountry - Various sites

(Summer May through November)

1. The estimated number of backcountry visitors is determined by taking the sum of the visitor center counts and applying the regression equation in Table 3.

(Winter December through April)

2. The number of tent sites occupied. The count is multiplied by a persons-per-tent multiplier of 2.4.

Special Use Data

Line a. Number of fishermen
Line b. Number of houseboaters
Line c. Number of visitors to visitor centers
Line d. Number of snowmobilers
Line e. Number of cross-country skiers
Line f. Number of ice fishermen
Line g. Number of vehicles on ice roads